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Patent Playplus



JP10057300A2: FLUORESCENCE DIAGNOSTIC ENDSCOPE APPARATUS

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Country: **JP Japan**

Kind:

Inventor(s): **FURUSAWA KOICHI
ADACHI RIYUUSUKE**

Applicant(s): **ASAHI OPTICAL CO LTD**
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Dates:
Application **JP1996000217462**

Number:
IPC Class: **A61B 1/00;**

Abstract: **Problem to be solved:** To provide a fluorescence diagnostic endoscope apparatus which allows diagnosis on cancer or the like through endoscopic fluorescent observation using safe and low-cost devices without applying burden to the patient.
Solution: This apparatus includes an illuminating light source 11 producing illuminating light including light of the wavelength range which excites fluorescence from a living body, an intermittent illuminating light application means 13 for intermittently and repeatedly applying the illuminating light produced from the illuminating light source 11 to a subject for photography, a soiled image-sensing element 22 which transfers image data according to storage control signals, and solid image-sensing element control circuits 27, 30 which feed the storage control signals to the solid image-sensing element 22 at predetermined time intervals. The apparatus is also provided with a fluorescent image pick-up means, for photographing the subject immediately after the application of the illuminating light to the subject from the intermittent illuminating light application means 13 has been stopped, and an image stopping means 25 for stopping or making invalid the photographing of the subject by the fluorescent image pick-up means when the illuminating light is being applied to the subject from the intermittent illuminating light application means 13.

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Other Abstract **DEFARS G98-210604 DEFARG98-210604**

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